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SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR §1.98(b))

Attorney Docket No.	08582/007003
Serial No.	10/701,152
Applicant	Brian Horsburgh et al.
Filing Date	November 4, 2003
Group	1636
IDS filed	March 16, 2004
Customer No.	21559

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<i>JP</i>	5,288,641	02/22/94	Roizman	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	5,501,979	03/26/96	Geller et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	5,585,096	12/17/96	Martuza et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	5,658,724	08/19/97	DeLuca	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	5,776,745	07/07/98	Ketner et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>JP</i>	0 453 242 A1	23.10.91	Europe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 90/09441	23.08.90	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 95/03400	02.02.95	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 96/04394	15.02.96	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 96/26267	29.08.96	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 97/05263	13.02.97	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>JP</i>	WO 97/30732	28.08.97	PCT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

<i>JP</i>	Ascenzioni et al., "Mammalian Artificial Chromosomes - Vectors for Somatic Gene Therapy," Cancer Letters 118:135-142, 1997.
<i>JP</i>	Bilbao et al., "Adenoviral/retroviral Vector Chimeras: a Novel Strategy to Achieve High-efficiency Stable Transduction in Vivo," The FASEB Journal 11:624-634, 1997.
<i>JP</i>	Burke, "Special Section: Yeast Artificial Chromosome Cloning; YAC cloning: options and problems," GATA 7:94-99, 1990.
<i>JP</i>	Chiou et al., "Mutations in the Herpes Simplex Virus Major DNA-Binding Protein Gene Leading to Altered Sensitivity to DNA Polymerase Inhibitors," Virology 145:213-226, 1985.

EXAMINER

David S. [Signature]

DATE CONSIDERED

12/12/04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.



Sheet 2 of 2

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
92	Horsburgh et al., "Allele Replacement: an Application That Permits Rapid Manipulation of Herpes Simplex Virus Type 1 Genomes," Gene Therapy 6:922-930 (1999).				
91	Ketner et al., "Efficient Manipulation of the Human Adenovirus Genome as an Infectious Yeast Artificial Chromosome Clone," Proc. Natl. Acad. Sci. U.S.A. 91:6186-6190, 1994.				
91	Messerle et al., "Cloning and Mutagenesis of a Herpesvirus Genome as an Infectious Bacterial Artificial Chromosome," Proc. Natl. Acad. Sci. U.S.A. 94:14759-14763, 1997.				
69	Monaco et al., "YACs, BACs, PACs, and MACs: Artificial Chromosomes as Research Tools," TIBTECH 12:280-286, 1994.				
69	Saeki et al., "Herpes Simplex Virus Type 1 DNA Amplified as Bacterial Artificial Chromosome in Escherichia coli: Rescue of Replication-Competent Virus Progeny and Packaging of Amplicon Vectors," Human Gene Therapy 9:2787-2794, 1998.				
81	Shizuya et al., "Cloning and Stable Maintenance of 300-kilobase-pair Fragments of Human DNA in Escherichia coli using an F-factor-based Vector," Proc. Natl. Acad. Sci. U.S.A. 89:8794-8797, 1992.				
87	Wang et al., "Complete Nucleotide Sequence of Two Generations of a Bacterial Artificial Chromosome Cloning Vector," BjoTechniques 23:992-994, 1997.				
82	Yang et al., "Homologous Recombination Based Modification in Escherichia Coli and Germline Transmission in Transgenic Mice of a Bacterial Artificial Chromosome," Nature Biotechnology 15:859-865, 1997.				
EXAMINER		DATE CONSIDERED			
<i>David S. [Signature]</i>		<i>12/12/04</i>			
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